

## EMERGING LEADERS IN BIOMEDICAL ENGINEERING SYMPOSIUM

FRIDAY, NOVEMBER 18TH

PINN HALL AUDITORIUM 9 AM - 5 PM;  
FOLLOWED BY A HAPPY HOUR  
SPONSORED BY GBMES

LUNCH PROVIDED TO THOSE THAT  
REGISTER

### SPEAKERS:



MONET ROBERTS, PHD.  
VA TECH  
KEYNOTE SPEAKER



BIAFRA AHANONU,  
PHD.  
UC SAN FRANCISCO



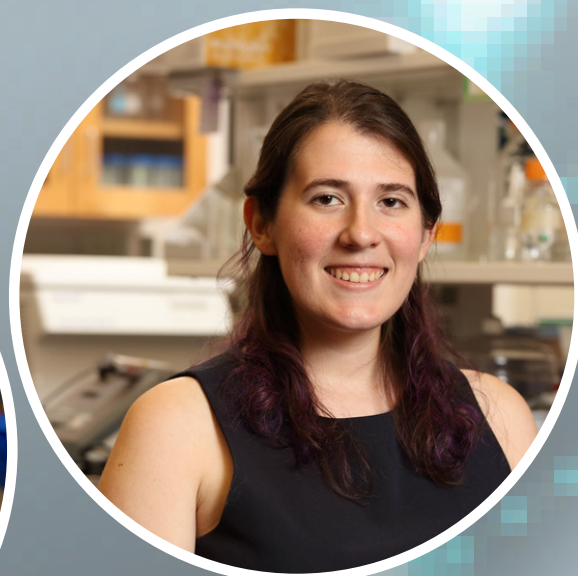
KELSEY KUBELICK,  
PHD.  
GA TECH



OMOKOLADE  
ADEBOWALE,  
PHD.  
HARVARD



SOPHIE  
MAIOCCHI,  
PHD.  
UNC



ANA ESTRADA,  
PHD.  
YALE



TIGIST TAMIR,  
PHD.  
MIT

REGISTER HERE:





# EMERGING LEADERS IN BME SPEAKER TITLES & SCHEDULE

## FRIDAY, NOVEMBER 18, 2022

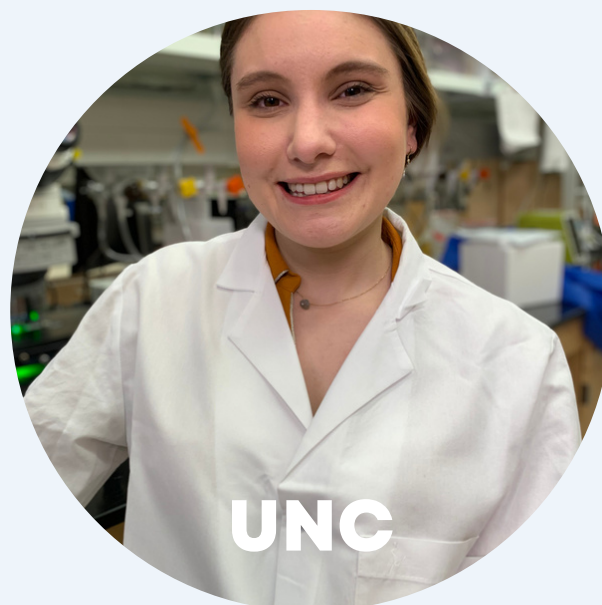
Opening remarks begin at 9:00 AM



VA TECH

**MONET ROBERTS, PHD**

**9:10 AM:** *A Motley Crew: Linking intratumoral heterogeneity to invasion and interstitial fluid flow in glioblastoma*



UNC

**SOPHIE MAIOCCHI, PHD**

**10:10 AM:** *Selective delivery of nanoparticle encapsulated Nrf2 Activator, CDDO-Methyl, for the treatment of atherosclerosis*



UC SAN  
FRANCISCO

**BIAFRA AHANONU, PHD**

**11:10 AM:** *Neural and molecular pain processing in the spinal cord and brain of awake, behaving animals*



YALE

**ANA ESTRADA, PHD**

**11:50 AM:** *Computational Modeling of Smooth Muscle Cells: Insights into Vascular Growth and Remodeling*



GA TECH

**KELSEY KUBELICK, PHD**

**1:45 PM:** *Enhancing cell therapies with image-guidance and multifunctional nanoconstructs*



HARVARD

**OMOKOLADE ADEBOWALE, PHD**

**2:25 PM:** *Enhanced Substrate Stress Relaxation Promotes Filopodia-Mediated Cancer Cell Migration*



MIT

**TIGIST TAMIR, PHD**

**3:05 PM:** *The convergence zone: elucidating the role of enzyme phosphorylation on metabolism*

**4:05 PM:** CAREER PANEL  
& MEET THE SPEAKERS

**5:00 PM:** CLOSING REMARKS

**5:30PM:** HAPPY HOUR  
AT KARDNALL HALL,  
SPONSORED BY GBMES

More Information

### THE DETAILS



NOVEMBER 18, 2022



9:00 AM - 5:00 PM



PINN HALL AUDITORIUM

Lunch provided

Register here:



### SPONSORED BY

UVA PROVOST OFFICE

BIOMEDICAL ENGINEERING DEPARTMENT

SCHOOL OF ENGINEERING ASSOCIATE  
DEAN OF DIVERSITY & INCLUSION

SCHOOL OF MEDICINE SENIOR ASSOCIATE  
DEAN OF DIVERSITY & INCLUSION

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